

# EXAM OBJECTIVES FOR MCSE CERTIFICATION

*Exam #70-217: Implementing and Administering a Microsoft  
Windows 2000 Directory Services Infrastructure*

## Installing and Configuring Active Directory

Objective	Chapter: Section	Hands-on Project(s)
Install forests, trees, and domains <ul style="list-style-type: none"> <li>Automate domain controller installation</li> </ul>	Chapter 5: Installing Active Directory	Project 5-1 Project 5-2 Project 5-3 Project 5-4
Create sites, subnets, site links, and connection objects	Chapter 6: Creating a Site	Project 6-1 Project 6-2 Project 6-3 Project 6-4
Configure server objects. Considerations include site membership and global catalog designation.	Chapter 6: Implementing Organizational Units	Project 6-5
Transfer operations master roles	Chapter 6: Operations Masters	Project 6-5
Verify and troubleshoot Active Directory installation	Chapter 9: Active Directory Maintenance & Recovery	Project 9-2
Implement an organizational unit (OU) structure	Chapter 6: Implementing Organizational Units	Process described in text

## Installing, Configuring, Managing, Monitoring, and Troubleshooting DNS for Active Directory

Objective	Chapter: Section	Hands-on Project(s)
Install and configure DNS for Active Directory <ul style="list-style-type: none"> <li>• Integrate Active Directory DNS zones with existing DNS infrastructure</li> <li>• Configure zones for dynamic updates and secure dynamic updates</li> <li>• Create and configure DNS records</li> </ul>	Chapter 4: Installing and Configuring DNS for Active Directory	Project 4-1 Project 4-2 Project 4-3 Project 4-4 Project 4-5
Manage, monitor, and troubleshoot DNS	Chapter 4: Monitoring and Troubleshooting DNS for Active Directory	Project 4-6

## Configuring, Managing, Monitoring, Optimizing, and Troubleshooting Change and Configuration Management

Objective	Chapter: Section	Hands-on Project(s)
Implement and troubleshoot Group Policy <ul style="list-style-type: none"> <li>• Create and modify a Group Policy object (GPO)</li> <li>• Link to an existing GPO</li> <li>• Delegate administrative control of Group Policy</li> <li>• Configure Group Policy options</li> <li>• Filter Group Policy settings by using security groups</li> <li>• Modify Group Policy prioritization</li> </ul>	Chapter 10: Implementing Group Policy	Project 10-1 Project 10-2
Manage and troubleshoot user environments by using Group Policy	Chapter 11: Managing User Environments with Group Policy	Project 11-2 Project 11-3 Project 11-4 Project 11-5
Install, configure, manage, and troubleshoot software by using Group Policy	Chapter 12: Deploying and Managing Software by Using Group Policy	Project 12-1 Project 12-2 Project 12-3 Project 12-4
Manage network configuration by using Group Policy	Chapter 10: Group Policy Planning	Process described in text
Configure Active Directory to support Remote Installation Services (RIS) <ul style="list-style-type: none"> <li>• Configure RIS options to support remote installations</li> <li>• Configure RIS security</li> </ul>	Chapter 13: Deploying Windows 2000 Using Remote Installation Services	Project 13-1 Project 13-2 Project 13-3 Project 13-4 Project 13-5 Project 13-6

## Managing, Monitoring, and Optimizing the Components of Active Directory

Objective	Chapter: Section	Hands-on Project(s)
Manage Active Directory objects <ul style="list-style-type: none"> <li>• Move Active Directory objects</li> <li>• Publish resources in Active Directory</li> <li>• Locate objects in Active Directory</li> <li>• Create and manage objects manually or by using scripting</li> <li>• Control access to Active Directory objects</li> <li>• Delegate administrative control of objects in Active Directory</li> </ul>	Chapter 7: Administering Active Directory	Project 7-1 Project 7-2 Project 7-3 Project 7-4 Project 7-5 Project 7-6 Project 7-7
Monitor, optimize, and troubleshoot Active Directory performance and replication	Chapter 14: Active Directory Replication	Process described in text
Back up and restore Active Directory <ul style="list-style-type: none"> <li>• Perform an authoritative and a nonauthoritative restore of Active Directory</li> <li>• Recover from a system failure</li> <li>• Seize operations master roles</li> </ul>	Chapter 9: Basic Backup Principles  Backup and Restore Security	Project 9-1 Project 9-2

## Configuring, Managing, Monitoring, and Troubleshooting Security in a Directory Services Infrastructure

Objective	Chapter: Section	Hands-on Project(s)
Apply security policies by using Group Policy	Chapter 10: Group Policy Implementation Chapter 11: Controlling User Environment Through Administrative Templates	Project 11-6
Create, analyze, and modify security configurations by using the Security Configuration and Analysis snap-in and the Security Templates snap-in	Chapter 15: Security Templates  The Security Configuration and Analysis Tool	Project 15-3 Project 15-4 Project 15-5 Project 15-6
Implement an audit policy	Chapter 15: Auditing Files and Folders Auditing Active Directory objects Auditing Printers Tips for Auditing	Project 15-1 Project 15-2
Monitor and analyze security events	Chapter 8: Event Logs	Project 8-1 Project 8-2 Project 8-5 Project 8-6

